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[< Back](#)

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Measuring blocking artifacts using edge direction information [image and video coding]**
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3. **A low-power VLSI architecture for turbo decoding**
Seok-Jun Lee; Shanbhag, N.R.; Singer, A.C.;
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4. **Learning a Probabilistic Similarity Function for Segmentation**
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5. **A new object-oriented approach for video compression at very low bit rate**
LeQuang, D.; Zaccarin, A.;
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6. **Bayesian Protein Secondary Structure Prediction With Near-Optimal Segmentations**
Aydin, Z.; Altunbasak, Y.; Erdogan, H.;
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7. **Evaluation of the G.729 speech coder with pathological voice samples**
Parsa, V.; Jamieson, D.G.;
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8. **An efficient decoding scheme for fractal image compression**
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9. **Reduced-search fractal block coding of images**
Kinsner, W.; Wall, L.;
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10. **A segmentation criterion for digital image compression**
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11. **A fast picture compression technique**
Walmsley, N.P.; Skodras, A.N.; Curtis, K.M.;
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12. **Efficient classification and codebook design for CVQ**
Quweider, M.K.; Salari, E.;
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13. **A new adaptive two-stage maximum-likelihood decoding algorithm for linear block codes**
Xianren Wu; Sadjadpour, H.R.; Zhi Tian;
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14. **Space-color quantization of multispectral images in hierarchy of scales**
Jovovic, M.;
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Volume 1, 7-10 Oct. 2001 Page(s):914 - 917 vol.1
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15. **Compressing as well as the best tiling of an image**
Wee Sun Lee;
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16. **An effective hybrid fractal-wavelet image coder using quadtree partitioning and pruning**
Ghazel, M.; Vrscay, E.R.;
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Volume 1, 7-10 March 2000 Page(s):416 - 420 vol.1
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17. **A generalized region labeling algorithm for image coding, restoration, and segmentation**
Jae-Chang Shim; Dorai, C.;
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18. **L₀-based distortion measure for blocking artifacts in digital video**
Suthaharan, S.;
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19. **On computing the performance of linear block codes in nonindependent channel errors**
Zepernick, H.-J.;
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20. **A multi-dimensional measure for image quality**
Eskicioglu, A.M.;
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21. **Content-based image retrieval using block-constrained fractal coding and nona-tree decomposition**
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22. **A Fast Algorithm for Detecting Frame Shifts in DNA sequences**
Masoom, Hassan; Datta, Suprakash; Asif, Amir; Cunningham, Lesley; Wu, Gillian;
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24. **Concealment of damaged block coded images using intelligent two-step best neighborhood matching algorithm**
Xiao Liang; Huang chenrong; Liang Haijun; Wu Huizhong;
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25. **SAD reuse in hierarchical motion estimation for the H.264 encoder**
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IEEE CNF

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	254856	(compress\$4 or encod\$4 or decod\$4 or decompress\$4 or cod\$3)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or sampl\$4 or cut\$4)same(calculate\$4 or comput\$6 or measure\$6 or estimate\$6 or matrix\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:31
L2	118725	1 same(buffer\$4 or stor\$4 or memor\$4 or record\$3 or register\$3 or databas\$3 or library\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:34
L3	41694	2 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L4	36	3 same(eigen\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:24
L6	19668	3 same(scan\$4 or read\$3 or captur\$3 or extract\$6 or camera\$3 or detect\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:26
L7	3904	6 same(tranform\$6 or convert\$3 or enlarg\$6 or reduc\$6 or zoom\$4 or magnif\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L8	499	7 same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L9	9	8 same(wavelet\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:41
L10	40	8 same(spectr\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L11	32815	(imag\$4)same(compress\$4 or encod\$4 or decod\$4 or decompress\$4 or cod\$3)same(target\$4 or segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3 or sampl\$4 or cut\$4)same(calculate\$4 or comput\$6 or measure\$6 or estimate\$6 or matrix\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:31
L12	16956	11 same(buffer\$4 or stor\$4 or memor\$4 or record\$3 or register\$3 or databas\$3 or library\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:34
L13	5960	12 same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L14	1671	13 same(tranform\$6 or convert\$3 or enlarg\$6 or reduc\$6 or zoom\$4 or magnif\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35
L15	307	14 same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:35

EAST Search History

L16	21	15 same(spectr\$6)	US-PGPUB; USPAT	OR	ON	2007/07/06 15:36
L17	1	"6813384".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:37
L18	1	"5915038".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:38
L19	1	"5745610".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:38
L20	1	"5321776".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:38
L21	1	"6782395".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:39
L22	1	"6782133".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:39
L23	1	"6314452".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:42
L24	1	"6148111".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:43
L25	1	"6990453".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:46
L26	1	"6963975".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:46
L27	1	"6574594".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:47
L28	1	"6453252".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:47
L29	1	"6266479".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:47
L30	1	"5581658".PN.	USPAT; USOCR	OR	ON	2007/07/06 15:47
L31	1	"5257211".PN.	USPAT; USOCR	OR	ON	2007/07/06 17:13
L32	0	(analyz\$4 and multivariat\$4 and matrix\$4 and spectral\$3 and read\$4 and total\$3 and memory\$3 and crossproduct\$3).CLM.	USPAT; USOCR	OR	ON	2007/07/06 17:16
L33	0	(analyz\$4 and multivariat\$4 and matrix\$4 and spectral\$3 and read\$4 and total\$3 and memory\$3 and crossproduct\$3).CLM.	USPAT; USOCR	OR	ON	2007/07/06 17:16
L34	1	(analyz\$4 and multivariat\$4 and matrix\$4 and spectral\$3 and read\$4 and total\$3).CLM.	USPAT; USOCR	OR	ON	2007/07/06 17:16
L35	1	"6385656".PN.	USPAT; USOCR	OR	ON	2007/07/06 17:17

EAST Search History

L36	1	"5617142".PN.	USPAT; USOCR	OR	ON	2007/07/06 17:17
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